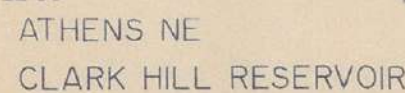


McCORMICK, S.C.



McCORMICK, S.C.

SCALE 1:24,000

10,000 FEET

1 KILOMETER

1 acre 5 acres 10 acres 20 acres

For information on availability of NWI maps, call 1-800-USA-MAPS

TECHNICAL RESPONSIBILITY			
TASK	NAME	DATE	
ZTS Transfer	CHIN CHAN	7-5-92	
ZTS Lettering	CHIN CHAN	7-7-92	
ZTS QC	C.P.T. ¹² Bennett	8-13-92	
MAP PI QC	D. CHIN, S.	8-14-92	
ZTS CORRECTION	CHIN CHAN	8-19-92	
CORRECTION CHECK			
F.W.S. ACCEPT	E. Thompson	9-11-92	

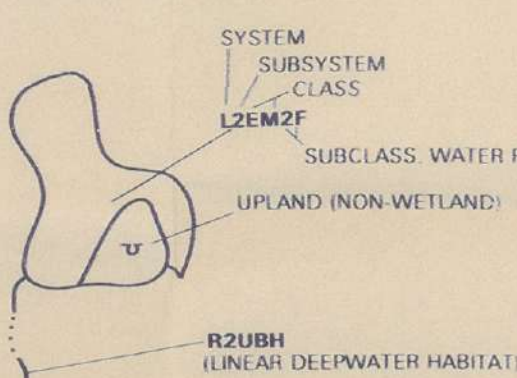
SPECIAL NOTE

SPECIAL NOTE

This document was prepared primarily by stereoscopic analyses of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrography in accordance with the National Wetland Inventory and Deepwater and Deepwater Habitats of the United States (FWS/OBS 79/31 December 1979). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

SYMBOLGY EXAMPLE



NOTES TO THE USER

- NOTES TO THE USER**
- Subsystems, Classes, Subclasses, and Water Regimes in *Italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
 - Some areas designated as R4SB, R4SBW, OR R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
 - This map uses the class Unconsolidated Shore (US). On earlier NWI maps that class was designated Beach Bar (BB), or Flat (FL). Subclasses remain the same in both versions.

AERIAL PHOTOGRAPHY

DATE: 3 / / 81 DATE: / /
SCALE: 1:58 000 SCALE: _____
TYPE: CIR TYPE: _____

SYSTEM

M - MARINE

SUBSYSTEM

1 - SURTIDAL

2 - INTERTIDAL

CLASS

Subclass

1 - SUBTIDAL

2 - INTERTIDAL

CLASS

Subclass

SYSTEM

R - RIVERINE

SUBSYSTEM

1 - TIDAL

2 - LOWER PERENNIAL

3 - UPPER PERENNIAL

4 - INTERMITTENT

5 - UNKNOWN PERENNIAL

CLASS

Subclass

SYSTEM

L - LACUSTRINE

SUBSYSTEM

1 - LIMNETIC

2 - LITTORAL

CLASS

Subclass

MODIFIERS

In order to more adequately describe wetland and dropwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The format modifier may also be applied to the ecological system.

WATER REGIME

Non-Tidal

Tidal

WATER CHEMISTRY

Coastal Salinity

Inland Salinity

pH Modifiers for all Fresh Water

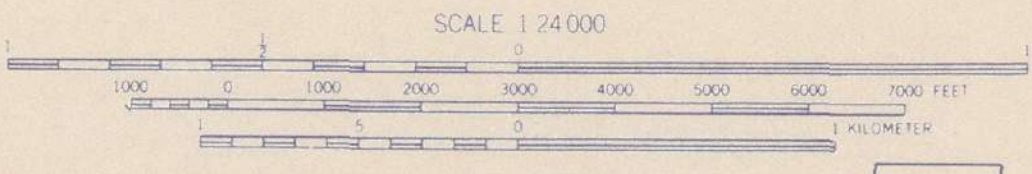
SOIL

SPECIAL MODIFIERS

MODIFIERS									
In order to more adequately depict the wetland and depositor habitats on or near the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The format used may also be applied to the ecological system.									
WATER REGIME			WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS		
Non-Tidal		Tidal	Coastal Salinity		Inland Salinity		pH Modifiers for all Fresh Water		
A Temporarily Flooded	H Permanently Flooded	K Arid/alkaline Flooded	L Temporarily Tidal	1 Hypersaline	7 Hypersaline	0 Organic	1 River	1 Did not Respond	
B Seasonally Flooded	I Intermittently Flooded	L Subtidal	2 Subsaline	8 Hypersaline	10 Hypersaline	1 Mineral	2 Running	2 Partially Drowned/Depleted	
C Occasionally Flooded	W Intermittently Flooded	N Regularly Flooded	3 Saline	9 Hypersaline	11 Hypersaline		3 Anoxic Substrate	3 Eroded	
D Wetland	W Intermittently Flooded	N Regularly Flooded	4 Polyhaline	10 Hypersaline	12 Hypersaline		4 Alkaline	4 Eroded	
E Seasonally Flooded	S Seasonally/Temporarily Flooded	P Arid/alkaline Flooded	5 Polyhaline	11 Hypersaline	13 Hypersaline		5 Acidic	5 Eroded	
F Seasonally Flooded	S Seasonally/Temporarily Flooded	P Arid/alkaline Flooded	6 Polyhaline	12 Hypersaline	14 Hypersaline		6 Acidic	6 Eroded	
G Seasonally Flooded	S Seasonally/Temporarily Flooded	P Arid/alkaline Flooded	7 Polyhaline	13 Hypersaline	15 Hypersaline		7 Acidic	7 Eroded	
H Permanently Flooded	I Intermittently Flooded	L Subtidal	8 Hypersaline	14 Hypersaline	16 Hypersaline		8 Acidic	8 Eroded	
I Intermittently Flooded	W Intermittently Flooded	N Regularly Flooded	9 Hypersaline	15 Hypersaline	17 Hypersaline		9 Acidic	9 Eroded	
J Intermittently Flooded	W Intermittently Flooded	N Regularly Flooded	10 Hypersaline	16 Hypersaline	18 Hypersaline		10 Acidic	10 Eroded	
K Arid/alkaline Flooded	L Subtidal	L Subtidal	11 Hypersaline	17 Hypersaline	19 Hypersaline		11 Acidic	11 Eroded	
L Temporarily Tidal	N Regularly Flooded	N Regularly Flooded	12 Hypersaline	18 Hypersaline	20 Hypersaline		12 Acidic	12 Eroded	
M Permanently Tidal	P Arid/alkaline Flooded	P Arid/alkaline Flooded	13 Hypersaline	19 Hypersaline	21 Hypersaline		13 Acidic	13 Eroded	
N Regularly Flooded	P Arid/alkaline Flooded	P Arid/alkaline Flooded	14 Hypersaline	20 Hypersaline	22 Hypersaline		14 Acidic	14 Eroded	
O Permanently Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	15 Hypersaline	21 Hypersaline	23 Hypersaline		15 Acidic	15 Eroded	
P Arid/alkaline Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	16 Hypersaline	22 Hypersaline	24 Hypersaline		16 Acidic	16 Eroded	
Q Seasonally Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	17 Hypersaline	23 Hypersaline	25 Hypersaline		17 Acidic	17 Eroded	
R Seasonally Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	18 Hypersaline	24 Hypersaline	26 Hypersaline		18 Acidic	18 Eroded	
S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	19 Hypersaline	25 Hypersaline	27 Hypersaline		19 Acidic	19 Eroded	
T Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	20 Hypersaline	26 Hypersaline	28 Hypersaline		20 Acidic	20 Eroded	
U Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	21 Hypersaline	27 Hypersaline	29 Hypersaline		21 Acidic	21 Eroded	
V Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	S Seasonally/Temporarily Flooded	22 Hypersaline	28 Hypersaline	30 Hypersaline		22 Acidic	22 Eroded	
W Intermittently Flooded	W Intermittently Flooded	W Intermittently Flooded	23 Hypersaline	29 Hypersaline	31 Hypersaline		23 Acidic	23 Eroded	
X Intermittently Flooded	W Intermittently Flooded	W Intermittently Flooded	24 Hypersaline	30 Hypersaline	32 Hypersaline		24 Acidic	24 Eroded	
Y Intermittently Flooded	W Intermittently Flooded	W Intermittently Flooded	25 Hypersaline	31 Hypersaline	33 Hypersaline		25 Acidic	25 Eroded	
Z Intermittently Flooded	W Intermittently Flooded	W Intermittently Flooded	26 Hypersaline	32 Hypersaline	34 Hypersaline		26 Acidic	26 Eroded	

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

ATHENS NE
CLARK HILL RESERVOIR



For information on availability of NWI maps, call 1-800-USA-MAPS.

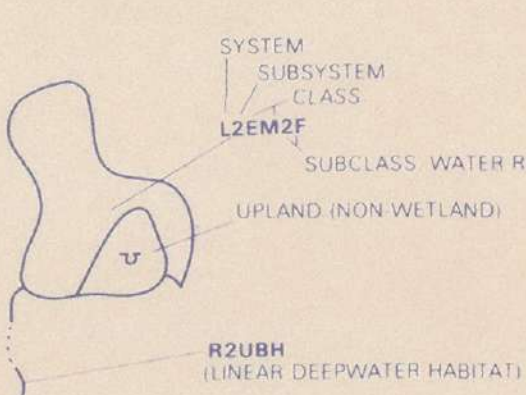
Regional Director (ARDE) Region IV
U.S. Fish and Wildlife Service
1875 Century Blvd.
Room 240
Atlanta, GA 30345

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified by the use of aerial photographs and field hydrology, and geographically in accordance with Classification of Wetlands and Deepwater Habitats (FWS/OBS-97/39 December 1997). The aerial photographs typically reflect conditions during the specific time of the photograph. The use of aerial photographs is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of the wetlands is required to establish the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those that are seasonal may have been overlooked in this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands are requested to review the wetlands in a different manner than that used in this inventory. There is no attempt, neither the design or products of this inventory are intended to be used by the Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. The use of this inventory is intended to be used for designations within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies and the use of this inventory is not intended to be used for proprietary jurisdictions that may affect such activities.

SYMBOLGY EXAMPLE



NOTES TO THE USER

- Subsystems, Classes, Subclasses, and Water Regimes in *Italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as R4SB, R4SBW, OR R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland
- This map uses the class Unconsolidated Shore (US). On earlier NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both versions.



U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Prepared by National Wetlands Inventory
Base map provided by the United States Geological Survey.

AERIAL PHOTOGRAPHY

DATE	3 / 1 / 81	DATE	1 / 1 /
SCALE	1:58 000	SCALE	
TYPE	CIR	TYPE	

SYSTEM

SUBSYSTEM

CLASS

Subclass

M - MARINE

1 - SUBTIDAL

2 - INTERTIDAL

RB - ROCK BOTTOM

UB - UNCONSOLIDATED BOTTOM

AB - AQUATIC BED

RF - REEF

OW - OPEN WATER (Unknown Bottom)

RB - ROCK BOTTOM

UB - UNCONSOLIDATED BOTTOM

AB - AQUATIC BED

RF - REEF

OW - OPEN WATER (Unknown Bottom)

1 Bedrock
2 Rubble

1 Cobble Gravel
2 Sand
3 Mud
4 Organic

1 Algal
2 Algae Vascular
3 Unknown Submergent

1 Coral
2 Worm

1 Algal
2 Bristle Vascular
3 Unknown Submergent

1 Coral
2 Worm
3 Bedrock
4 Rubble
5 Mud
6 Organic

1 Bedrock
2 Rubble

1 Cobble Gravel
2 Sand
3 Mud
4 Organic

1 Algal
2 Bristle Vascular
3 Floating Vascular
4 Unknown Submergent
5 Unknown Surface

2 Mollusc
3 Worm

1 Algal
2 Bristle Vascular
3 Floating Vascular
4 Unknown Submergent
5 Unknown Surface

SYSTEM

SUBSYSTEM

CLASS

Subclass

R - RIVERINE

1 - TIDAL

2 - LOWER PERENNIAL

3 - UPPER PERENNIAL

4 - INTERMITTENT

5 - UNKNOWN PERENNIAL

RB - ROCK BOTTOM

UB - UNCONSOLIDATED BOTTOM

SA - STREAMBED

AB - AQUATIC BED

RS - ROCKY SHORE

US - UNCONSOLIDATED SHORE

OW - OPEN WATER (Unknown Bottom)

RB - ROCK BOTTOM

UB - UNCONSOLIDATED BOTTOM

AB - AQUATIC BED

OW - OPEN WATER (Unknown Bottom)

1 Bedrock
2 Rubble

1 Cobble Gravel
2 Sand
3 Mud
4 Organic

1 Bedrock
2 Algal
3 Aquatic Moss
4 Bristle Vascular
5 Sand
6 Floating Vascular
7 Unknown Submergent
8 Unknown Surface
9 Vegetated

1 Algal
2 Aquatic Moss
3 Bristle Vascular
4 Sand
5 Floating Vascular
6 Unknown Submergent
7 Unknown Surface
8 Vegetated

1 Bedrock
2 Aquatic Moss
3 Sand
4 Mud
5 Organic
6 Vegetated

2 Nonpersistent

SYSTEM

SUBSYSTEM

CLASS

Subclass

L - LACUSTRINE

1 - LIMNETIC

2 - LITTORAL

RB - ROCK BOTTOM

UB - UNCONSOLIDATED BOTTOM

AB - AQUATIC BED

OW - OPEN WATER (Unknown Bottom)

RB - ROCK BOTTOM

UB - UNCONSOLIDATED BOTTOM

AB - AQUATIC BED

RS - ROCKY SHORE

US - UNCONSOLIDATED SHORE

OW - OPEN WATER (Unknown Bottom)

1 Bedrock
2 Rubble

1 Cobble Gravel
2 Sand
3 Mud
4 Organic

1 Algal
2 Aquatic Moss
3 Bristle Vascular
4 Floating Vascular
5 Unknown Submergent
6 Unknown Surface

1 Bedrock
2 Rubble

1 Cobble Gravel
2 Sand
3 Mud
4 Organic

1 Algal
2 Aquatic Moss
3 Bristle Vascular
4 Floating Vascular
5 Unknown Submergent
6 Unknown Surface

1 Bedrock
2 Rubble
3 Sand
4 Mud
5 Organic
6 Vegetated

2 Nonpersistent

*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.

*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM

SUBSYSTEM

CLASS

Subclass

P - PALUSTRINE

RB - ROCK BOTTOM

UB - UNCONSOLIDATED BOTTOM

AB - AQUATIC BED

US - UNCONSOLIDATED

ML - MOSS LICHEN

EM - EMERGENT

SS - SCRUB SHRUB

FO - FORESTED

OW - OPEN WATER (Unknown Bottom)

1 Bedrock
2 Rubble

1 Algal
2 Cobble Gravel
3 Sand
4 Mud
5 Organic

1 Algal
2 Aquatic Moss
3 Bristle Vascular
4 Floating Vascular
5 Unknown Submergent
6 Unknown Surface

1 Cobble Gravel
2 Sand
3 Mud
4 Organic
5 Vegetated

1 Perennial
2 Lichen
3 Nonpersistent

1 Broad Leaved Deciduous
2 Broad Leaved Deciduous
3 Broad Leaved Evergreen
4 Needle Leaved Evergreen
5 Dead
6 Deciduous

1 Broad Leaved Deciduous
2 Broad Leaved Deciduous
3 Broad Leaved Evergreen
4 Needle Leaved Evergreen
5 Dead
6 Deciduous

1 Broad Leaved Deciduous
2 Broad Leaved Deciduous
3 Broad Leaved Evergreen
4 Needle Leaved Evergreen
5 Dead
6 Deciduous

MODIFIERS

In order to more adequately describe wetland and deepwater habitats and/or the water regime, water chemistry, soil or special modifiers may be applied at the class or lower level in the hierarchy. The named modifier may also be applied to the ecological system.

WATER REGIME

Non-Tidal

A. Temporally Flooded

B. Seasonally Flooded

C. Seasonally Flooded

D. Seasonally Flooded

E. Seasonally Flooded

F. Seasonally Flooded

G. Seasonally Flooded

H. Seasonally Flooded

I. Seasonally Flooded

J. Seasonally Flooded

K. Seasonally Flooded

L. Seasonally Flooded

M. Seasonally Flooded

N. Seasonally Flooded

O. Seasonally Flooded

P. Seasonally Flooded

Q. Seasonally Flooded

R. Seasonally Flooded

S. Seasonally Flooded

T. Seasonally Flooded

U. Seasonally Flooded

V. Seasonally Flooded

W. Seasonally Flooded

X. Seasonally Flooded

Y. Seasonally Flooded

Z. Seasonally Flooded

WATER REGIME

Tidal

K. Artificially Flooded

L. Low Salinity

M. Moderately Exposed

N. Moderately Exposed

O. Moderately Exposed

P. Moderately Exposed

Q. Moderately Exposed

R. Moderately Exposed

S. Moderately Exposed

T. Moderately Exposed

U. Moderately Exposed

V. Moderately Exposed

W. Moderately Exposed

X. Moderately Exposed

Y. Moderately Exposed

Z. Moderately Exposed

WATER REGIME

Coastal Salinity

1. Hypersaline

2. Hypersaline

3. Hypersaline

4. Hypersaline

5. Hypersaline

6. Hypersaline

7. Hypersaline

8. Hypersaline

9. Hypersaline

10. Hypersaline

11. Hypersaline

12. Hypersaline

13. Hypersaline

14. Hypersaline

15. Hypersaline

16. Hypersaline

17. Hypersaline

18. Hypersaline

19. Hypersaline

20. Hypersaline

21. Hypersaline

22. Hypersaline

23. Hypersaline

24. Hypersaline

25. Hypersaline

26. Hypersaline

27. Hypersaline

28. Hypersaline

29. Hypersaline

30. Hypersaline

WATER REGIME

Inland Salinity

1. Hypersaline

2. Hypersaline

3. Hypersaline

4. Hypersaline

5. Hypersaline

6. Hypersaline

7. Hypersaline

8. Hypersaline

9. Hypersaline

10. Hypersaline

11. Hypersaline

12. Hypersaline

13. Hypersaline

14. Hypersaline

15. Hypersaline

16. Hypersaline

17. Hypersaline

18. Hypersaline

19. Hypersaline

20. Hypersaline

21. Hypersaline

22. Hypersaline

23. Hypersaline

24. Hypersaline

25. Hypersaline

26. Hypersaline

27. Hypersaline

28. Hypersaline

29. Hypersaline

30. Hypersaline

WATER REGIME

pH Modifiers for all Fresh Water

1. Organic

2. Organic

3. Organic

4. Organic

5. Organic

6. Organic

7. Organic

8. Organic

9. Organic

10. Organic

11. Organic

12. Organic

13. Organic

14. Organic

15. Organic

16. Organic

17. Organic

18. Organic

19. Organic

20. Organic

21. Organic

22. Organic

23. Organic

24. Organic

25. Organic

26. Organic

27. Organic

28. Organic

29. Organic

30. Organic

WATER REGIME

SPECIAL MODIFIERS

1. Organic

2. Organic

3. Organic

4. Organic

5. Organic

6. Organic

7. Organic

8. Organic

9. Organic

10. Organic

11. Organic

12. Organic

13. Organic

14. Organic

15. Organic

16. Organic

17. Organic

18. Organic

19. Organic

20. Organic

21. Organic

22. Organic

23. Organic

24. Organic

25. Organic

26. Organic

27. Organic

28. Organic

29. Organic

30. Organic